

Rounding Numbers

*Remember: Look at the number to the right of the place you are rounding to.
If it is 5 or more - round up. If it is below 5 it stays the same.*

whole number (ex. 1, 2, 3, ..., 21...)

tenth (ex. 0.1, 7.6, 34.9, ...)

hundredth (ex. 0.12, 1.34, 98.98, ...)

thousandths (ex. 0.123, 3.876, 4.235, ...)

Practice: Round the following numbers to the nearest...

Whole number:

1. 21.684 2. 12.436 3. 8.962 4. 0.752 5. 1.123

22

12

9

1

1

Tenth:

6. 14.852 7. 5.52 8. 6.476 9. 0.423 10. 185.038

14.9

5.5

6.5

0.4

185.0

Hundredth:

11. 0.2587 12. 12.9852 13. 1.2629 14. 35.42385 15. 1.3695

0.26

12.99

1.26

35.42

1.37

Adding and Subtracting Fractions

P 803 in Book

WARNING!!!

The numbers on the bottom (denominators) **MUST** be the same in order to + or -.

Practice:

16. $\frac{2}{5} + \frac{4}{5} = \frac{6}{5}$

17. $2 + \frac{13}{8} = \frac{2}{1} + \frac{13}{8}$

$\frac{16}{8} + \frac{13}{8} = \frac{29}{8}$

$$18. \quad \frac{5}{4} - \frac{3}{4} = \frac{2}{4} = \frac{1}{2}$$

$$19. \quad \frac{9}{5} - \frac{5}{8} = \frac{72}{40} - \frac{25}{40} = \frac{47}{40}$$

$$\frac{72}{40} - \frac{25}{40} = \frac{47}{40}$$

Multiplying Fractions P 804 in Book

NOTES: MULTIPLY NUMERATORS, MULTIPLY DENOMINATORS, SIMPLIFY

* ONLY ON MULTIPLICATION PROBLEMS

* CAN REMOVE COMMON FACTORS BEFORE MULTIPLYING

Practice:

$$20. \quad \frac{8}{7} \cdot \frac{7}{10} = \frac{56}{70} = \frac{4}{5}$$

$$21. \quad \frac{12}{3} \cdot \frac{5}{4} = \frac{5}{6}$$

$$22. \quad \frac{5}{4} \cdot \frac{1}{3} = \frac{5}{12}$$

$$\frac{48}{18} \cdot \frac{18}{50} = \frac{4}{5}$$

Dividing Fractions

→ REMEMBER $10 \div 2$ IS THE SAME AS $10 \cdot \frac{1}{2}$

NOTES: CHANGE TO MULTIPLICATION PROBLEM

MULTIPLY BY THE RECIPROCAL OF THE DIVISOR

Practice:

$$23. \quad \frac{1}{2} \div \frac{8}{7} = \frac{1}{2} \cdot \frac{7}{8} = \frac{7}{16}$$

$$24. \quad \frac{9}{5} \div 2$$

$$\frac{9}{5} \div \frac{2}{1} = \frac{9}{5} \cdot \frac{1}{2}$$

$$25. \quad \frac{1}{5} \div \frac{7}{4} = \frac{1}{5} \cdot \frac{4}{7} = \frac{4}{35}$$

What about

$$\frac{3}{5} \div \frac{6}{9} = \frac{3}{5} \cdot \frac{9}{6} = \frac{9}{10}$$